

PART - B

5. Describe pterygopalatine Ganglion along with its connections distribution & applied Anatomy. 8
6. Give an Account of the following : 4+4=8
(a) Floor of IV Ventricle
(b) Development of Thyroid Gland
7. Short notes on the following : 3×3=9
(a) Middle meatus of nose
(b) Parkinsonism
(c) Congenital anomalies of placenta
8. **PART-I** : Explain Anatomical Basis of the following :
(a) Pain in middle ear in tonsillitis 2+2=4
(b) Wound of scalp bleed profusely
PART-II : Enumerate (No Diagram or Description) : 2×3=6
(a) Tributaries of Cavernous Sinus
(b) 4 muscles of soft palate
(c) Structure forming blood brain barrier

O
(20313)
(Printed Pages 4)
Roll No. 8271087

B.D.S. I Prof.

5135 (N)

B.D.S. Supply & Main Examination,
March 2013

Human Anatomy Embryology, Histology,

LIBRARY

ITS Dental College Hospital & Research Centre
47, Knowledge Park-III, Greater Noida
Medical Genetics
BDS-01 (N)

Time: Three Hours] *[Maximum Marks : 70*

Note : All questions are compulsory. Write Part-A and Part-B in separate copies.
Draw diagrams wherever necessary.

PART - A

1. Describe Glossopharyngeal Nerve under following Headings : 8

P.T.O.

5135(N)\12014



LIBRARY

ITS Dental College Hospital & Research Centre
47, Knowledge Park-III, Greater Noida

- (a) Function
 - (b) Course and Relations
 - (c) Branches
 - (d) Applied
2. Describe Submandibular Salivary Gland under following Headings : 8
- | | |
|---------------|---------------|
| (a) Position | (b) Relations |
| (c) Histology | (d) Applied |
3. Write short notes on the following: $3 \times 3 = 9$
- (a) Jugulo-omohyoid lymph nodes
 - (b) Cavernous sinus
 - (c) Internal Jugular vein
4. Write correct Answers for the following Multiple Choice Questions : $2 \times 5 = 10$
- (i) All the following muscle are supplied by hypoglossal Nerve, except :
- | | |
|----------------------------------|---------------------------------------|
| (a) Transversus Superior Lingual | (a) Maxillary process |
| (b) Hyoglossus | (b) Medial Nasal process |
| (c) Genioglossus | (c) Medial & Lateral Nasal process |
| (d) Mylohyoid | (d) Medial Nasal & Maxillary process. |
- (ii) A midline cleft lip is due to failure of fusion of :
- | | |
|---------------|--------------------------|
| (a) Facial | (b) Lingual |
| (c) Maxillary | (d) Ascending pharyngeal |
- (iii) The Artery palpable under the mandible near the angle of Jaw is :
- | | |
|---------------|--------------------------|
| (a) Facial | (b) Lingual |
| (c) Maxillary | (d) Ascending pharyngeal |
- (iv) Taste buds are found on all papillae of the tongue except :
- | | |
|-------------------|---------------|
| (a) Filiform | (b) Fungiform |
| (c) Circumvallate | (d) Foliate |
- (v) Sub-dural Haematoma most commonly results from :
- | |
|---------------------------------------|
| (a) Rupture of Intra Cranial aneurysm |
| (b) Rupture of Cerebral AVM |
| (c) Injury to Cortical bridging veins |
| (d) Haemophilia. |

UNIVERSITY
of Dental & Research Centre
(20913) 11 Knowledge Park-III, Greater Noida
Roll No.

BDS I Prof.

5135(N)

B. D. S. (Main & Supply.) Examination, Sept. 2013

Human Anatomy Embryology, Histology &

Medical Genetics

(BDS - 01)

Time : Three Hours]

[Maximum Marks : 70

Note : All questions are compulsory. Write Part-A and Part-B in separate copies. Draw diagrams wherever necessary.

Part-A

1. Describe the course, relations, branches, distribution and applied anatomy of Mandibular nerve. 8
2. Give the origin, insertion, nerve supply and actions of Extrinsic muscles of Tongue. 8
3. Write short notes on the following : 3x3=9
 - (a) Maxillary air sinus
 - (b) Lingual artery
 - (c) Micropanatomy of mixed salivary gland.

(2)

4.

Give the correct answers of the following multiple choice questions: $2 \times 5 = 10$

- (i) All of the following arteries anastomose in the Little's area of Nasal septum except:
 - (a) Anterior ethmoidal artery
 - (b) Sphenopalatine artery
 - (c) Dorsal nasal artery
 - (d) Greater palatine artery.
- (ii) All of the following structures are derived from pharyngeal arch mesoderm except:
 - (a) Stylomandibular ligament
 - (b) Sphenomandibular ligament
 - (c) Stylohyoid ligament
 - (d) Anterior ligament of malleus.
- (iii) Which of the following cranial nerve nuclei does not supply skeletal muscles developed from pharyngeal arch mesoderm?
 - (a) Nucleus ambiguus
 - (b) Dorsal motor nucleus of vagus
 - (c) Motor nucleus of facial nerve
 - (d) Motor nucleus of trigeminal nerve.
- (iv) Which of the following muscles does not form the floor of carotid triangle?
 - (a) Inferior pharyngeal constrictor
 - (b) Middle pharyngeal constrictor
 - (c) Thyrohyoid
 - (d) Sternohyoid.

5135(N)

(3)

(v) Which is not a tributary of internal jugular vein?

- (a) Inferior petrosal sinus
- (b) Inferior thyroid vein
- (c) Superior thyroid vein
- (d) Common facial vein.

Part-B

5. Describe the relations, tributaries, communications and applied anatomy of cavernous sinus. 8

6.

Give an account of the following: $2 \times 4 = 8$

- (a) Sensory nerve supply of face
- (b) Development of tongue and correlate it with its sensory supply.

7.

Write short notes on the following: $3 \times 3 = 9$

- (a) Connections of submandibular ganglion
- (b) Symphysis
- (c) X-linked recessive inheritance.

8.

(i) Explain the anatomical basis of the following: $2 \times 2 = 4$

- (a) Wounds of the scalp bleed profusely
- (b) Enlargement of thyroid gland results in dyspnoea and dysphagia

5135(N)

(4)

(ii) Enumerate the following: $2 \times 3 = 6$

- (a) Muscles supplied by oculomotor nerve
- (b) Branches of subclavian artery
- (c) Structures passing through internal acoustic meatus.